

10/565751

IAP6 Rec'd PCT/PTO 23 JAN 2006

SEQUENCE LISTING

Corresponding to PCT/CN2004/000842

序列表

<110> 中国医学科学院医药生物技术所

<120> 有抑制血管生成及抗肿瘤作用的强化融合蛋白 Fv-LDP-AE 及其用途

<130> IEC030032PCT

<160> 6

<170> PatentIn version 3.1

<210> 1

<211> 1119

<212> DNA

<213> artificial

<400> 1

atgcaggtag agctgcagca gtctggaact gaagtggtaa agcctggggc ttcagtgaag	60
ttgtcctgca aggcttctgg ctacatcttc acaagttatg atatagactg ggtgaggcag	120
acgcctgaac agggacttga gtggattgga tggatttttc ctggagaggg gagtactgaa	180
tacaatgaga agttcaaggg cagggccaca ctgagtgtag acaagtcctc cagcacagcc	240
tatatggagc tcactaggct gacatctgag gactctgctg tctatttctg tgctagaggg	300
gactactata ggcgctactt tgacttgtgg ggccaaggga ccacggtcac cgtctcctca	360
ggtggaggcg gttcaggcgg aggtggctct ggcggtggcg gatcgacat cgagctcact	420
cagtctccag cttctttggc tgtgtctcta gggcagaggg ccaccatata ctgcagagcc	480
agtgaaagtg ttgatactta tggcgatact tttatgtact ggtaccagca gaaaccagga	540
cagccaccca aactcctcat ctatcttgca accaacctag gatctggggt ccctgccagg	600
ttcagtggca gtgggtctag gacaaacttc accctcacca ttgatcctgt ggaggctgat	660
gatgtgcaa cctattactg tcagcaaaat aatgaggatc cgtacacgtt cggagggggc	720
accaagctgg aaatcaaacg tggtagggc ggttcacat gggcgccgc cttctccgtc	780

agtcccgccct cgggtctgag tgacggacag agcgtgtcgg tgcggtcag cggtgccgcc 840
 gccggcgaga cctactacat cgcccagtgc gtcgggtcg gtggccagga cgcgtgcaac 900
 ccggcgaccg cgacgtcctt caccacggac gcgtccggag cggcgtcgtt cagcttcgtc 960
 gtgcgcaagt cgtacacggg ctccacggc gaaggcacgc cggtcggcag cgtcgactgc 1020
 gccacggccg cctgtaacct cggcgccggc aactccgggc tcgacctgg ccacgtggct 1080
 ctgaccttcg gcctcgagca ccaccaccac caccactga 1119

<210> 2
 <211> 372
 <212> PRT
 <213> artificial

<400> 2

Met Gln Val Lys Leu Gln Gln Ser Gly Thr Glu Val Val Lys Pro Gly
 1 5 10 15

Ala Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Ile Phe Thr Ser
 20 25 30

Tyr Asp Ile Asp Trp Val Arg Gln Thr Pro Glu Gln Gly Leu Glu Trp
 35 40 45

Ile Gly Trp Ile Phe Pro Gly Glu Gly Ser Thr Glu Tyr Asn Glu Lys
 50 55 60

Phe Lys Gly Arg Ala Thr Leu Ser Val Asp Lys Ser Ser Ser Thr Ala
 65 70 75 80

Tyr Met Glu Leu Thr Arg Leu Thr Ser Glu Asp Ser Ala Val Tyr Phe
 85 90 95

Cys Ala Arg Gly Asp Tyr Tyr Arg Arg Tyr Phe Asp Leu Trp Gly Gln
100 105 110

Gly Thr Thr Val Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly
115 120 125

Gly Ser Asp Ile Glu Leu Ser Gly Gly Gly Gly Thr Gln Ser Pro Ala
130 135 140

Ser Leu Ala Val Ser Leu Gly Gln Arg Ala Thr Ile Ser Cys Arg Ala
145 150 155 160

Ser Glu Ser Val Asp Thr Tyr Gly Asp Thr Phe Met Tyr Trp Tyr Gln
165 170 175

Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Leu Ala Thr Asn
180 185 190

Leu Gly Ser Gly Val Pro Ala Gly Phe Ser Gly Ser Gly Ser Arg Thr
195 200 205

Asn Phe Thr Leu Thr Ile Asp Pro Val Glu Ala Asp Asp Ala Ala Thr
210 215 220

Tyr Tyr Cys Gln Gln Asn Asn Glu Asp Pro Tyr Thr Phe Gly Gly Gly
225 230 235 240

Thr Lys Leu Glu Ile Lys Arg Gly Gly Gly Gly Ser Glu Phe Ala Pro
245 250 255

Ala Phe Ser Val Ser Pro Ala Ser Gly Leu Ser Asp Gly Gln Ser Val
260 265 270

Ser Val Ser Val Ser Gly Ala Ala Ala Gly Glu Thr Tyr Tyr Ile Ala
 275 280 285

Gln Cys Ala Pro Val Gly Gly Gln Asp Ala Cys Asn Pro Ala Thr Ala
 290 295 300

Thr Ser Phe Thr Thr Asp Ala Ser Gly Ala Ala Ser Phe Ser Phe Val
 305 310 315 320

Val Arg Lys Ser Tyr Thr Gly Ser Thr Pro Glu Gly Thr Pro Val Gly
 325 330 335

Ser Val Asp Cys Ala Thr Ala Ala Cys Asn Leu Gly Ala Gly Asn Ser
 340 345 350

Gly Leu Asp Leu Gly His Val Ala Leu Thr Phe Gly Leu Glu His His
 355 360 365

His His His His
 370

<210> 3
 <211> 29
 <212> DNA
 <213> artificial

<400> 3
 cgcatatgca ggtgaagctg cagcagtct

29

<210> 4
 <211> 38
 <212> DNA
 <213> artificial

<400> 4
 cggaattctg aaccgcctcc accacgtttg atttcag

38

<210> 5
<211> 32
<212> DNA
<213> artificial

<400> 5
cggaattcgc gcccgcttc tccgtcagtc cc

32

<210> 6
<211> 33
<212> DNA
<213> artificial

<400> 6
ccgctcgagt cagccgaagg tcagagccac gtg

33